

**PHASE I ENVIRONMENTAL  
SITE ASSESSMENT REPORT**

5.8-Acres Vacant Land  
Southwest Corner of Lake Forest Drive and Towne Centre Drive  
Lake Forest, California

SECOR JOB NO: 37OT.20724.00

**Prepared For:**

Daniel Isenberg  
Kaiser Foundation Health Plan, Inc.  
393 East Walnut Street  
Pasadena, California 91118

**Submitted By:**

SECOR International Incorporated  
290 Conejo Ridge Avenue, Suite 200  
Thousand Oaks, California 91361

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**Prepared By:**

Peter J. Shipley, R.E.A.  
Project Scientist

**Reviewed By:**

Steven C. Brady, C.E.G., C.H.G., R.E.A.  
Principal Hydrogeologist, Project Manager

## TABLE OF CONTENTS

	Page
<b>1.0 INTRODUCTION.....</b>	<b>1</b>
1.1 METHODOLOGY .....	1
1.2 EXCEPTIONS TO THE SCOPE OF WORK AND CONDITIONS LIMITING SITE RECONNAISSANCE .....	2
<b>2.0 PROPERTY DESCRIPTION.....</b>	<b>3</b>
2.1 PROPERTY LOCATION AND DESCRIPTION .....	3
2.2 SITE AND VICINITY CHARACTERISTICS .....	3
2.2.1 <i>General Property Type and Use</i> .....	3
2.2.2 <i>General Type and Use of Surrounding Areas</i> .....	3
2.2.3 <i>Property Size</i> .....	3
2.2.4 <i>Buildings on Site</i> .....	3
2.2.5 <i>Construction Dates</i> .....	4
2.2.6 <i>Tenants</i> .....	4
2.2.7 <i>Areas Observed During Site Visit</i> .....	4
2.2.8 <i>Topography</i> .....	4
2.2.9 <i>Surface Water and Flood Zone</i> .....	4
2.2.10 <i>Geology and/or Soils</i> .....	4
2.2.11 <i>Groundwater</i> .....	5
2.2.12 <i>Potable Water Supply</i> .....	5
2.2.13 <i>Sanitary Sewer and/or Septic System</i> .....	5
2.2.14 <i>Electricity and Natural Gas</i> .....	5
<b>3.0 HISTORICAL USE INFORMATION.....</b>	<b>6</b>
3.1 SUMMARY OF PRIOR USES - THE PROPERTY .....	7
3.2 SUMMARY OF PRIOR USES - ADJACENT SITES .....	7
<b>4.0 INFORMATION FROM INTERVIEWS AND SITE RECONNAISSANCE.....</b>	<b>8</b>
4.1 INTERVIEWS .....	8
4.2 INFORMATION FROM DOCUMENTS PROVIDED FOR REVIEW .....	8
4.3 ACTIVITIES/PROCESSES CONDUCTED AT THE PROPERTY .....	9
4.4 ADJACENT PROPERTY USES .....	9
4.5 HAZARDOUS MATERIALS AND/OR PETROLEUM PRODUCTS OBSERVED OR KNOWN TO BE PRESENT AT THE PROPERTY .....	9
4.6 ON-SITE ROADS AND PARKING AREAS .....	9
4.7 ABOVEGROUND TANKS .....	9
4.8 UNDERGROUND TANKS .....	9
4.9 UNUSUAL OR NOXIOUS ODORS .....	10
4.10 SUMPS, PITS, FLOOR DRAINS, OR POOLS OF LIQUID - INSIDE BUILDING .....	10
4.11 PITS, PONDS OR LAGOONS - EXTERIOR, ON-SITE OR ADJACENT .....	10
4.12 TRANSFORMERS OR PCB-SUSPECT HYDRAULIC SYSTEMS .....	10
4.13 STAINED SOIL OR PAVEMENT - EXTERIOR .....	10
4.14 DISTRESSED VEGETATION .....	10
4.15 DISCHARGES TO DRAINS, DITCHES OR STREAMS .....	10

4.16	WELLS.....	10
4.17	LEACH FIELDS/SEPTIC TANKS/CESSPOOLS.....	11
4.18	INDICATIONS OF FILL SITES OR DUMPING.....	11
4.19	STAINING/CORROSION ON FLOORS, CEILINGS OR WALLS .....	11
4.20	SENSITIVE RECEPTORS AND WETLANDS .....	11
4.21	ENDANGERED SPECIES .....	11
4.22	ARCHAEOLOGICAL SENSITIVITIES .....	11
4.23	RADON.....	12
4.24	ASBESTOS-CONTAINING MATERIALS .....	12
4.25	LEAD-CONTAINING PAINT .....	12
<b>5.0</b>	<b>RECORDS REVIEW .....</b>	<b>13</b>
5.1	REVIEW OF DATABASE SEARCH REPORT .....	13
5.2	REVIEW OF AGENCY FILES.....	14
5.3	GOVERNMENTAL OFFICIALS INTERVIEWED .....	14
<b>6.0</b>	<b>CONCLUSIONS .....</b>	<b>15</b>
<b>7.0</b>	<b>QUALIFICATIONS OF ASSESSOR AND REVIEWER.....</b>	<b>16</b>

## LIST OF FIGURES

FIGURE 1 - SITE LOCATION MAP

FIGURE 2 - SITE PLAN

Note: Figures appear in Appendix A.

## LIST OF APPENDICES

APPENDIX A – FIGURES

APPENDIX B – LIMITATIONS

APPENDIX C – SITE PHOTOGRAPHS

APPENDIX D – HISTORICAL AERIAL PHOTOGRAPHS, AND SANBORN MAP  
REPORT

APPENDIX E – PREVIOUS ENVIRONMENTAL REPORT

APPENDIX F – ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT

APPENDIX G – REFERENCES

## 1.0 INTRODUCTION

SECOR International Inc. (SECOR) was retained by Kaiser Foundation Health Plan Inc. (Kaiser Permanente) to conduct a Phase I Environmental Site Assessment (ESA) of the 5.8-acres of vacant land located on the southwest corner of Lake Forest Drive and Towne Centre Drive in Lake Forest, California (the Property, Figures 1 and 2 in Appendix A). This Phase I ESA is subject to limitations provided in Appendix B. The Property is reportedly being considered for purchase by Kaiser Permanente and has been graded and vacant since the 1988. Prior to 1988, the Property existed as undeveloped, hilly terrain. It is SECOR's understanding that Kaiser Permanente is considering purchase of the Property for construction of a medical office building.

Figure 1 in Appendix A is a Site Location map showing the location of the Property with respect to the site vicinity. Figure 2 in Appendix A is a Site Plan showing approximate boundaries of the Property, adjacent site use, and salient features observed during the site visit. Copies of photographs taken during the site visit are included in Appendix C.

### 1.1 METHODOLOGY

The Phase I ESA was performed in accordance with the terms and conditions specified in the Kaiser Master Consulting Agreement dated May 18, 1995, revised July 17, 1998, and in accordance with the American Society for Testing and Materials Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, designated E 1527-00 (ASTM E 1527). This scope consisted of a visual reconnaissance of the Property, interviews, a historical review, and a review of the reasonably ascertainable records of local, state, and Federal agencies and preparation of this report. The scope of services did not include overall environmental regulatory compliance or sampling and analysis of environmental media.

The purpose of this Phase I ESA was to identify, to the extent feasible, pursuant to the processes described herein, recognized environmental conditions in connection with the Property. As defined in ASTM E 1527, recognized environmental conditions means the presence or likely presence of hazardous substances or petroleum products on the Property under conditions that indicate an existing release, past release, or a material threat of a release of hazardous substances or petroleum products into structures on the Property or into the ground, groundwater, or surface water of the Property that generally present a material risk of harm to public health or the environment and that generally may be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

The following tasks were completed as part of this assessment:

- Review of historical information sources including reasonably ascertainable aerial photographs, Sanborn maps, City Directories, and United States Geologic Survey (USGS) topographic maps to ascertain general uses of the Property and adjacent sites back to circa 1946 (the earliest reasonably ascertainable historical site use information record);

- Acquisition and review of a regulatory agency database search report for ASTM E 1527 specified standard environmental record sources and search distances;
- Interviews with local governmental officials regarding current and past uses of the Property, and whether recognized environmental conditions may exist on the Property;
- Review of reasonably ascertainable government agency files for the Property and nearby sites considered to have a potential to adversely impact the Property;
- Site reconnaissance of the Property;
- Interviews with Mr. Gary Allen, Senior Vice President, Grubb and Ellis Co., regarding current and past uses of the Property, and whether recognized environmental conditions may exist on the Property; and
- Review of the USGS 7.5-minute topographic map, titled El Toro Quadrangle, California (1997) that depicts the area of the Property, to assess the physical setting.

## **1.2 EXCEPTIONS TO THE SCOPE OF WORK AND CONDITIONS LIMITING SITE RECONNAISSANCE**

This Phase I assessment did not deviate from the requirements set forth in ASTM E 1527, with exception of the historical review where SECOR was unable to locate historical aerial photographs prior to 1946, at which time the subject property was undeveloped hilly terrain. No conditions limiting the site reconnaissance were encountered. These exceptions are not anticipated to affect the conclusions presented herein.

## **2.0 PROPERTY DESCRIPTION**

A description of the location and characteristics of the Property and the surrounding area is presented in the following subsections.

### **2.1 PROPERTY LOCATION AND DESCRIPTION**

Property Address: Southwest corner of Lake Forest Drive and Towne Centre Drive, Lake Forest, California. The Property reportedly does not have a street address.

Assessor's Parcel Numbers: 612-162-03 and 612-162-04

Key Contact: Mr. Gary Allen, Senior Vice President (Grubb and Ellis)

### **2.2 SITE AND VICINITY CHARACTERISTICS**

#### **2.2.1 General Property Type and Use**

At the time of the site visit on January 17, 2003, the Property was vacant land. The Property is located in an area that is primarily used for commercial use.

It is SECOR's understanding that Kaiser Permanente is considering purchase of the Property for construction of a medical office building.

#### **2.2.2 General Type and Use of Surrounding Areas**

Adjacent land use consisted of vacant land and commercial properties. The greater surrounding area use is primarily commercial. Adjacent sites to the north of the Property consist of Towne Centre Drive, a newly constructed commercial building, and a Chrysler Dealership. Adjacent sites to the west consist of vacant land. Adjacent sites to the east consist of Lake Forest Drive and numerous commercial properties. The Foothills Transportation Corridor (Highway 241) is located adjacent to the south of the Property.

#### **2.2.3 Property Size**

The Property comprises approximately 5.8 acres.

#### **2.2.4 Buildings on Site**

Buildings were not present on the Property at the time of SECOR's site reconnaissance. The only structure observed on the Property during the site visit was a sign column located in the southeast corner of the Property that read 'Foothill Auto Center.'

### **2.2.5 Construction Dates**

Buildings were not present on the Property at the time of SECOR's site reconnaissance, and based on the results of the historical site use review, buildings were not previously located on the Property.

### **2.2.6 Tenants**

No tenants occupied the Property during the site visit.

### **2.2.7 Areas Observed During Site Visit**

SECOR observed the Property by walking unaccompanied along the perimeter of the Property and along transects through the center portions of the Property. Adjacent sites were observed from the Property, or from the public rights-of-ways.

### **2.2.8 Topography**

The U.S. Geological Survey (USGS) 7.5-minute topographic map of the El Toro Quadrangle (1997) was reviewed to identify physical features in the vicinity of the Property. Topography of the Property and Property's vicinity is relatively flat to gently rolling hills with an elevation of approximately 750 feet above mean sea level (msl). Borrego Canyon and Serrano Canyon drainages traverse within approximately 2,000-3,000 feet of the Property.

### **2.2.9 Surface Water and Flood Zone**

**Surface Water:** Surface water on the eastern side of the Property drains towards the northeast and then east along an earthen berm. Surface water on the western side of the Property drains towards the northwest and then west along an earthen berm. No surface water features (i.e., ditches, creeks, lakes, and ponds) were observed on the Property at the time of SECOR's site visit, with exception to an area in the northeast corner of the Property that was observed to be eroded due to a large amount of surface runoff. Following the erosion area was a large area where water pools and appears to naturally percolate into the ground.

**Flood Zone:** SECOR reviewed the Federal Emergency Management Agency (FEMA) maps for the Property area. The Property was not shown as being within the 100 or 500-year flood zones.

### **2.2.10 Geology and/or Soils**

The Property lies to the east of the Orange County Coastal Plain. The Orange County Coastal Plain is bounded on the east by the Santa Ana Mountains, on the south by the San Joaquin Hills, and to the west by the Pacific Ocean. The Coastal Plain is also bordered by the southern

extension of the Newport-Inglewood Structural Zone along the southwest coastline and the El Modeno fault, which occurs at the eastern margin along the foothills of the Santa Ana Mountains (Yerkes et al., 1965; Bryant, 1988; Hart, 1994).

The Orange County Coastal Plain is underlain by more than 20,000 feet of middle Miocene and younger sediments. These sediments reflect both marine and nonmarine deposition, with marine sediments dominating the older, deeper strata. The younger, shallower strata are mixed marine and nonmarine which are overlain by recent nonmarine alluvium (California Department of Water Resources (DWR), 1967). The surficial geology consists of predominantly alluvial sediments deposited by low-to-moderate sinuosity tributaries of the Santa Ana River system. These alluvial sediments include gravel, sand, silty sand, and clayey silt with an average thickness of 140 feet (Poland et al., 1956; DWR, 1967; Morton et al., 1979).

#### **2.2.11 Groundwater**

**Elevation:** No information on depth to near surface groundwater was available for the Property's area at the Irvine Ranch Water District. However, depth to near surface groundwater is reportedly approximately 30 feet below ground surface approximately 1.5 miles west of the Property's vicinity.

**Gradient Direction:** Based on review of the U.S. Geological Survey (USGS) 7.5-minute topographic map of the El Toro Quadrangle (1997), groundwater gradient is expected to be to the south/southwest in the vicinity of the Property.

#### **2.2.12 Potable Water Supply**

Potable water is currently not supplied to the Property.

#### **2.2.13 Sanitary Sewer and/or Septic System**

SECOR did not observe evidence indicating present or past use of septic holding vessels or leach fields at the Property.

#### **2.2.14 Electricity and Natural Gas**

Electricity and natural gas are currently not supplied to the Property.

### 3.0 HISTORICAL USE INFORMATION

The following is a list of historical site use information sources reviewed during this assessment:

- Governmental Databases -** SECOR requested an ASTM Standard Governmental and Regulatory Agency Database Search from Environmental Data Resources, Inc. (EDR), Southport, Connecticut. The results of that search are presented in Section 5.1 of this report.
- Aerial Photographs -** SECOR reviewed aerial photographs of the Property and vicinity from the years 1946, 1952, 1968, 1977, 1989, and 1994, acquired from EDR (Appendix D). Aerial photographs prior to 1946 were not readily available.
- Sanborn Fire Insurance Maps -** SECOR requested Sanborn Fire Insurance maps from EDR, however, no maps for the Property were available.
- City Directories -** SECOR requested city directories of the Property and vicinity from EDR. No records for the Property were available.
- USGS Topographic Map -** SECOR reviewed the USGS 7.5-minute El Toro Quadrangle, California (1997).
- Building Department -** SECOR contacted the City of Lake Forest Building Department (LFBD) for historical information regarding the Property. LFBD informed SECOR that no records existed for the Property.
- County of Orange Health Care Agency -** SECOR attempted to review records for the Property at the County of Orange Health Care Agency (COHCA). The COHCA informed SECOR that no searches could be done with a parcel number, tract number, or legal description. The COHCA further informed SECOR that since the Property does not have a legal street address it was unlikely that the COHCA maintained any records on the Property.
- Other Sources -** SECOR reviewed a previous environmental report prepared by Leighton and Associates, Inc. dated February 4, 1997, the results of which are discussed in Section 4.2 of this report.

### **3.1 SUMMARY OF PRIOR USES - THE PROPERTY**

**Pre-1946- 1989** Based on the review of aerial photographs dating back to 1946, the Property existed as undeveloped, hilly terrain from 1946 until approximately 1989. There were no structures observed on the Property during the same time period.

**1989 - Present** The Property appeared graded and vacant.

Review of historical site use information sources for the Property revealed no evidence of recognized environmental conditions in association with the Property.

### **3.2 SUMMARY OF PRIOR USES - ADJACENT SITES**

**Pre-1946-1989** Based on review of aerial photographs dating back to 1946, sites located south of the Property were used primarily for citrus crop agricultural purposes. Sites located north of the Property existed as undeveloped, hilly terrain.

**1989 – Present** Adjacent sites were observed to be graded and vacant or developed with commercial buildings. Citrus crop agricultural land use still existed on some areas to the south/southeast of the Property.

No recognized environmental conditions in connection with the Property were discovered during the review of historical site use information sources for the adjacent sites.

#### **4.0 INFORMATION FROM INTERVIEWS AND SITE RECONNAISSANCE**

Results of observations made during the site reconnaissance and information provided by a representative of Grubb and Ellis are presented in the following subsections. The site reconnaissance was conducted on January 17, 2003. Copies of photographs taken during the site reconnaissance are provided in Appendix C.

##### **4.1 INTERVIEWS**

SECOR interviewed Mr. Gary Allen, Senior Vice President (Grubb and Ellis), on January 13, 2003. Mr. Allen indicated that previous environmental surveys had been conducted on the Property. Mr. Allen stated that with exception to the previous environmental studies he was not aware of any environmental conditions in connection with the Property. Mr. Allen also stated that he had not been made aware of any pending, threatened, or past:

- Litigation relevant to hazardous substances or petroleum products in, on or from the Property;
- Administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Property; or
- Notices from a governmental entity regarding violations of environmental laws or liability relating to hazardous substances or petroleum products.

Additional pertinent information provided to SECOR by Mr. Allen is included in other sections of this report. Information from interviews with local government personnel is presented in Section 5.3.

##### **4.2 INFORMATION FROM DOCUMENTS PROVIDED FOR REVIEW**

Mr. Allen provided the following documents to SECOR for review which are also provided in Appendix E:

1. *Preliminary Title Report*, completed by First American Title Insurance Company dated November 4, 2002.
2. *Phase I Environmental Site assessment Update for Portions of Planning Areas 5, 6, 9, 13, 14 and 15, and Entire Planning Areas 8, 10, and 16, Orange County, California* completed by Leighton and Associates, Inc. (L&A) dated February 4, 1997.

The *Preliminary Title Report* indicated that Foothill 8-South/3 and 4, LLC have title to the Property.

The L&A report indicated similar findings to that of SECOR's. Evidence of hazardous material storage and/or releases was reportedly not encountered on any portion of the Property during L&A's site reconnaissance. L&A recommended no additional investigations.

#### **4.3 ACTIVITIES/PROCESSES CONDUCTED AT THE PROPERTY**

The Property was vacant land at the time of SECOR's site visit.

#### **4.4 ADJACENT PROPERTY USES**

Adjacent land use consisted of vacant land and commercial properties. The greater surrounding area use is primarily commercial. Adjacent sites to the north of the Property consist of Towne Centre Drive, a newly constructed commercial building, and a Chrysler Dealership. Adjacent sites to the west consist of vacant land. Adjacent sites to the east consist of Lake Forest Drive and numerous commercial properties. The Foothills Transportation Corridor (Highway 241) is located adjacent to the south of the Property.

#### **4.5 HAZARDOUS MATERIALS AND/OR PETROLEUM PRODUCTS OBSERVED OR KNOWN TO BE PRESENT AT THE PROPERTY**

No evidence of current generation, storage or disposal of hazardous or petroleum substances was observed during the site visit or reported to SECOR.

#### **4.6 ON-SITE ROADS AND PARKING AREAS**

No on-site roads or parking areas were observed on the Property during the site visit.

#### **4.7 ABOVEGROUND TANKS**

No aboveground storage tanks (ASTs) were observed at the Property during the site visit or reported to SECOR. SECOR contacted the COHCA for information regarding the history of the subject property, as it pertains to hazardous materials and waste, and ASTs. The COHCA informed SECOR that no searches could be done with a parcel number, tract number, or legal description. The COHCA further informed SECOR that since the Property does not have a legal street address it was unlikely that the COHCA maintained any records on the Property.

#### **4.8 UNDERGROUND TANKS**

No evidence of current or past use of underground storage tanks (USTs) was observed (i.e., no vent pipes, pavement patch work, pump islands, or fill ports) at the Property during the site visit or reported to SECOR. SECOR contacted the COHCA for information regarding the history of the subject property, as it pertains to hazardous materials and waste, and USTs. The COHCA informed SECOR that no searches could be done with a parcel number, tract number, or legal

description. The COHCA further informed SECOR that since the Property does not have a legal street address it was unlikely that the COHCA maintained any records on the Property.

#### **4.9 UNUSUAL OR NOXIOUS ODORS**

No unusual or noxious odors were observed on the Property during the site visit.

#### **4.10 SUMPS, PITS, FLOOR DRAINS, OR POOLS OF LIQUID - INSIDE BUILDING**

Buildings structures were not present at the Property during the site visit.

#### **4.11 PITS, PONDS OR LAGOONS - EXTERIOR, ON-SITE OR ADJACENT**

No pits, ponds, or lagoons were observed on the Property.

Surface water on the eastern side of the Property drains towards the northeast and then east along an earthen berm. Surface water on the western side of the Property drains towards the northwest and then west along an earthen berm. No surface water features (i.e., ditches, creeks, lakes, and ponds) were observed on the Property at the time of SECOR's site visit, with exception to an area in the northeast corner of the Property that was observed to be eroded due to a large amount of surface runoff. Following the erosion area was an area where water pools and appears to naturally percolate into the ground.

#### **4.12 TRANSFORMERS OR PCB-SUSPECT HYDRAULIC SYSTEMS**

No transformers or PCB-suspect hydraulic systems were observed on the Property. One transformer was observed adjacent to the Property on the east side along Lake Forest Drive. The transformer was observed to be in good condition with no evidence of leaks or staining.

#### **4.13 STAINED SOIL OR PAVEMENT - EXTERIOR**

No staining was observed at the Property during the site visit.

#### **4.14 DISTRESSED VEGETATION**

Primarily grass vegetation was observed on the Property during the site visit. The vegetation was in good condition and did not appear stressed.

#### **4.15 DISCHARGES TO DRAINS, DITCHES OR STREAMS**

No discharges to drains, ditches, or streams were observed by or reported to SECOR.

#### **4.16 WELLS**

SECOR did not observe any wells at the Property during the site visit.

SECOR contacted the City of Lake Forest Public Works Department (LFPWD) who informed SECOR that they did not maintain records on depth to groundwater or well locations. The LFPWD referred SECOR to the Irvine Ranch Water District (IRWD). SECOR contacted the IRWD who informed SECOR that the nearest wells to the Property's vicinity were located approximately 1.5 miles west of the Property. Groundwater data for those wells suggests that depth top near surface groundwater is approximately 30 feet.

#### **4.17 LEACH FIELDS/SEPTIC TANKS/CESSPOOLS**

No evidence of current or past presence of leach fields, septic systems, or cesspools were observed at the Property during the site visit or reported to SECOR.

#### **4.18 INDICATIONS OF FILL SITES OR DUMPING**

No evidence of current or past presence of fill sites were observed at the Property during the site visit or reported to SECOR.

#### **4.19 STAINING/CORROSION ON FLOORS, CEILINGS OR WALLS**

No building structures were present on the Property.

#### **4.20 SENSITIVE RECEPTORS AND WETLANDS**

No evidence of current or past presence of sensitive receptors and/or wetlands at or adjacent to the Property was observed during the site visit or reported to SECOR.

According to the U.S. Fish and Wildlife Service "*National Wetlands Inventory Map*" (USFWS, 2003), the Property is labeled as "upland."

#### **4.21 ENDANGERED SPECIES**

An endangered species survey was not performed as part of this Phase I ESA. SECOR contacted the California Department of Fish and Game (CDFG) for information pertaining to endangered species at the Property. The CDFG has yet to respond to SECOR's request for information. Should the CDFG reply prove significant, SECOR will send an addendum to this report. Based on the grading and development of the area for primarily commercial use, there appears to be a low likelihood for endangered species.

#### **4.22 ARCHAEOLOGICAL SENSITIVITIES**

SECOR observed no indications of archeological sensitivities at the Property during the site visit. The Property and Property's vicinity has been graded and is scheduled to be developed as part of

the Foothill Ranch Development Agreement. Based on the grading and development of the area for primarily commercial use, there appears to be a low likelihood for archaeological sensitivities.

#### **4.23 RADON**

Radon is a colorless, tasteless radioactive gas with a United States Environmental Protection Agency (EPA) specified action level of 4.0 picocuries per liter (pCi/L) of air. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is associated with its rate of accumulation within confined areas, particularly confined areas near to the ground, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure.

SECOR reviewed the California Statewide Radon Survey and found that the County of Orange was located in Region 9. Average radon concentrations within Region 9 are reported to be 2.0 to 4.0 pCi/L, generally less than USEPA-designated action levels for radon mitigation and/or control measures (USEPA 1993). Based on SECOR's review of available information, as well as the absence of basements on the Property, elevated radon levels do not represent a potential environmental risk.

#### **4.24 ASBESTOS-CONTAINING MATERIALS**

SECOR did not conduct an asbestos survey as part of this Phase I ESA. No structures were present on the Property during SECOR's site visit.

#### **4.25 LEAD-CONTAINING PAINT**

Concern for lead-containing paint (LCP) is primarily related to structure surfaces with lead-containing paint applied prior to 1977. LCP is recognized as a potential health risk due to the known toxic effects of lead exposure, primarily through ingestion, on the central nervous system, kidneys, and blood stream. The risk of lead toxicity in lead-based paint varies, based upon the condition of the paint and the year of its application.

Considering there are no structures located on the Property, LCP is not a concern.

## **5.0 RECORDS REVIEW**

The records review consisted of acquisition and review of a regulatory agency database search report, interviews with local government (agency) personnel, and review of reasonably ascertainable information from regulatory agency files for the Property and/or nearby sites considered to have a potential to adversely impact the Property.

### **5.1 REVIEW OF DATABASE SEARCH REPORT**

SECOR retained EDR to perform a database search of standard federal and state environmental records for the Property and sites within minimum search distances specified in ASTM Standard E 1527, and to document the results in a summary report. A copy of the report is included as Appendix F. The database search report includes a complete listing of the databases searched, the search distance for each database searched, and the results of the search, including a map and summary of findings.

The Property was not identified in any of the databases searched by EDR.

Databases for which at least one site within the corresponding search radius was identified are as follows:

- Two sites were identified on the RCRIS list within one-quarter mile of the Property;
- One site within approximately one-half mile of the Property was on the State index of properties with hazardous waste (CORTESE) list;
- One site within one-half mile of the Property was identified on the LUST list;
- Two sites within one-quarter mile of the Property were identified on the UST list; and
- Three sites within one-quarter mile of the Property were identified on the HAZNET list.

SECOR reviewed the results of the database search report to note reported release sites in the vicinity of the Property which were considered to have a potential to have adversely impacted the Property (i.e., are known to have or are expected to result in recognized environmental conditions). Reported release sites identified in the regulatory agency database search report were evaluated with respect to the nature and extent of a given release, the distance of the reported release site from the Property, and the position of a reported release site with respect to known or expected local and/or regional groundwater flow direction. Generally, reported release sites located within one-quarter mile up gradient, one-eighth mile cross gradient or adjacent down gradient are considered to have a potential to have impacted the Property. Sites that were listed in the database search report, but not identified as a release site (for example a site listed as a hazardous waste generator but not as having had a release), and sites that were listed as being "closed," were not considered to have a potential to have impacted the Property.

Based on the above criteria, none of the listed sites in the database search report are expected to have adversely impacted the Property.

## **5.2 REVIEW OF AGENCY FILES**

SECOR requested available files for the Property from the COHCA. The COHCA informed SECOR that no searches could be done with a parcel number, tract number, or legal description. The COHCA further informed SECOR that since the Property does not have a legal street address it was unlikely that the COHCA maintained any records on the Property.

## **5.3 GOVERNMENTAL OFFICIALS INTERVIEWED**

SECOR interviewed the following governmental officials regarding potential recognized environmental conditions in connection with the Property. Information obtained from interviewees is presented in relevant sections of this report.

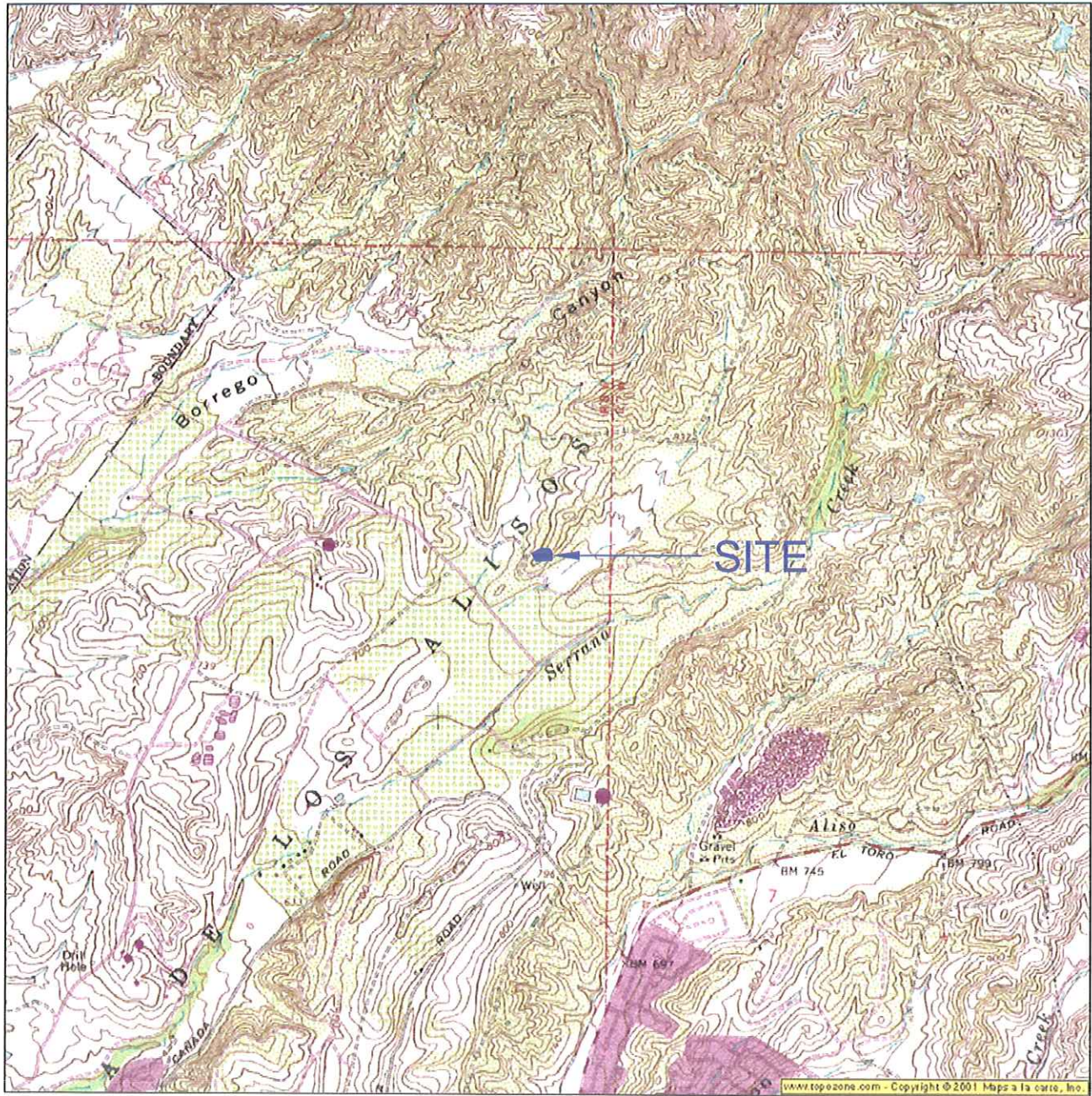
- Mr. Leo Garcia, representative of the COHCA.
- Counter Staff at the Lake Forest Building and Public Works Departments.
- Mr. Rick Samuel at the IRWD.

## **6.0 CONCLUSIONS**

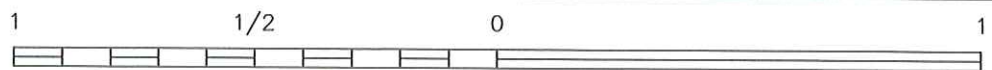
SECOR has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527 of the Property located on the southwest corner of Lake Forest Drive and Towne Centre Drive, Lake Forest, California (the Property). The Phase I did not deviate from the scope of work specified in ASTM E 1527. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property. Based on the absence of any recognized environmental conditions on the Property, no further investigation is warranted at this time.

## **7.0 QUALIFICATIONS OF ASSESSOR AND REVIEWER**

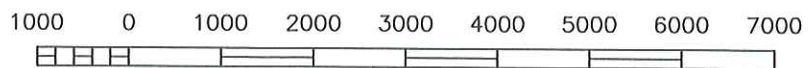
Mr. Peter Shipley conducted the Phase I ESA of the Property and prepared this report. Mr. Shipley worked under the supervision of Mr. Steven Brady. Both are experienced in the field of environmental assessments and related practices. Mr. Shipley and Mr. Brady are State of California Registered Environmental Assessors (REA # 07724 and 02914 respectively).



CALIFORNIA



SCALE (MILES)



SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE; EL TORO, CALIFORNIA; 1997

DRAWN BY: SES  
 CHECKED: PJS  
 APPROVED: PJS  
 DATE: 1/21/03  
 JOB No.: 37OT.20724.00.0001  
 CAD FILE: PATH ON LEFT

PREPARED BY:



**SECOR**

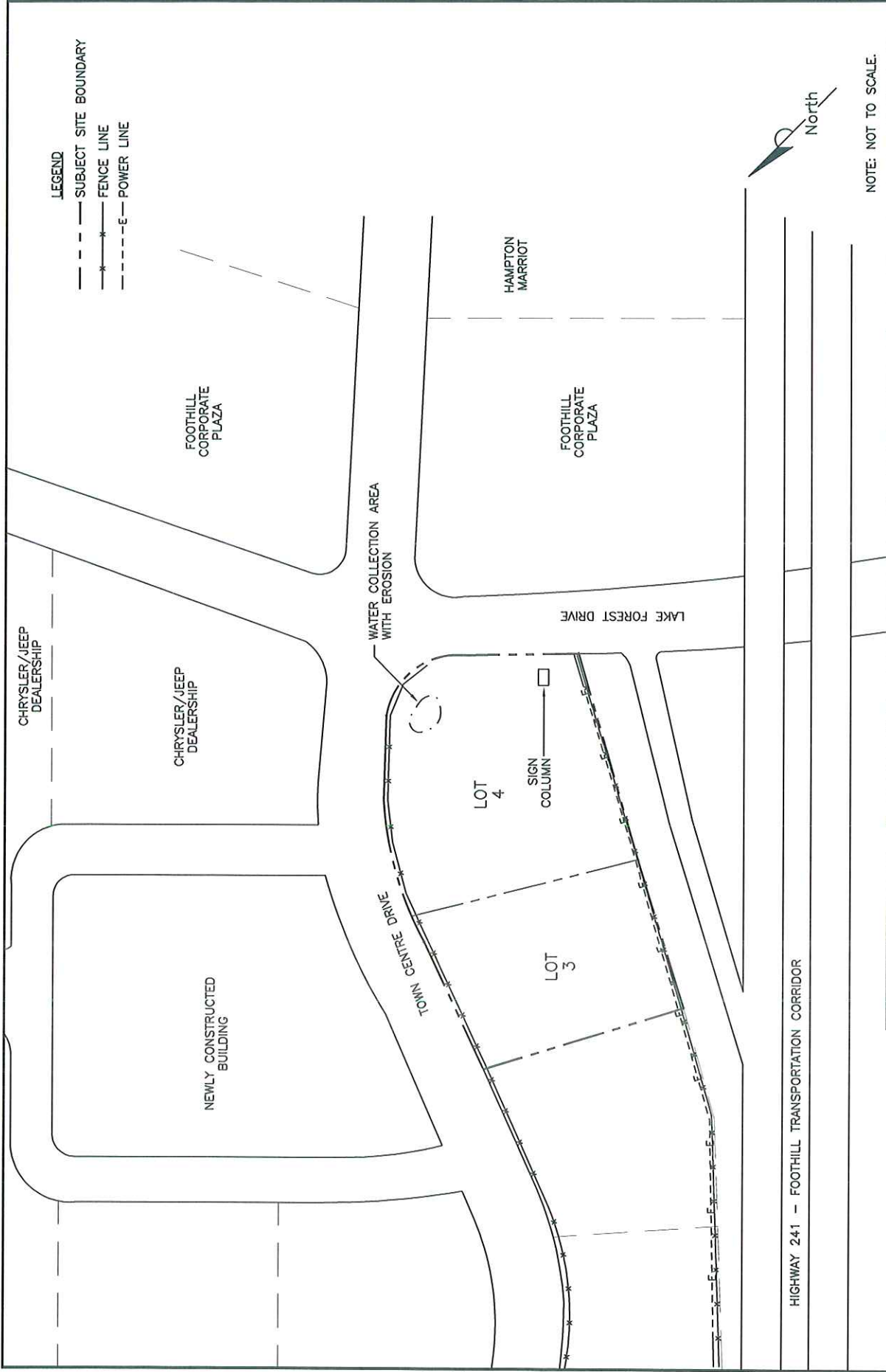
290 CONEJO RIDGE AVE., SUITE 200  
 THOUSAND OAKS, CALIFORNIA

PREPARED FOR:

KAISER PERMANENTE

FIGURE 1

SITE LOCATION MAP  
 VACANT LAND  
 SW CORNER OF LAKE FOREST DR.  
 & TOWNE CENTRE DR.  
 LAKE FOREST, CALIFORNIA



DRAWN BY: SES CHECKED: PJS APPROVED: PJS DATE: 1/21/03 JOB No.: 370120724.00.0001 CAD FILE: PATH ON LEFT		PREPARED BY:  <b>SECOR</b> 290 CONEJO RIDGE AVE, SUITE 200 THOUSAND OAKS, CALIFORNIA		PREPARED FOR: <b>KAISER PERMANENTE</b>	<b>FIGURE 2</b> SITE PLAN VACANT LAND SW CORNER OF LAKE FOREST DR. & TOWNE CENTRE DR. LAKE FOREST, CALIFORNIA
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## **APPENDIX B LIMITATIONS**

The conclusions presented in this report are professional opinions based on data described in this report. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location at the time the work was performed, and are subject to the following inherent limitations:

1. SECOR derived the data in this report primarily from visual observations, examination of records in the public domain, and interviews with individuals having information about the Property. The passage of time, manifestation of latent conditions, or occurrence of future events may require further study at the Property, analysis of the data, and reevaluation of the findings, observations, and conclusions in the report.
2. The data reported and the findings, observations, and conclusions expressed in the report are limited by the scope of work. The scope of work was prescribed by ASTM 1527 and the Kaiser Permanente draft Phase I ESA Scope of Work, dated July 17, 1998, and was agreed to by the client.
3. Because of the limitations stated above, the findings, observations, and conclusions expressed by SECOR in this report are not, nor should not be, considered an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state, or local law or regulation.
4. No warranty or guarantee, whether express or implied, is made with respect to the data reported of findings, observations, and conclusions that are based solely upon the Property conditions in existence at the time of investigation.
5. Phase I ESA reports present professional opinions and findings of a scientific and technical nature. This report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations, or policies of federal, state, or local government agencies. Any use of the Phase I ESA report constitutes acceptance of the limits of SECOR's liability. SECOR's liability extends only to its client and not to any other parties who may obtain the Phase I report.
6. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the Property and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions was not performed as part of this investigation. No sampling or chemical analyses of structural materials or other media was completed as part of this study unless explicitly stated.
7. This report is based, in part, on unverified information supplied to SECOR by third-party sources. While efforts have been made to substantiate this third-party information, SECOR cannot guarantee its completeness or accuracy.



1. View of southwest corner of Lake Forest Drive and Towne Centre Drive.



2. View looking southwest along the eastern perimeter (Lake Forest Drive) of the Property.

<b>SECOR</b> International Incorporated Thousand Oaks, California	5.8-Acres Lake Forest Land Purchase Lake Forest Drive and Towne Centre Drive Lake Forest, California	<b>SITE PHOTOGRAPHS</b>
	SECOR PN: 37OT.20724.00      Approved: PJS	Date: 1/17/03



3. View looking west along southern perimeter of the Property.



4. View looking east/northeast across Property from the southwest corner of the Property.

<b>SECOR</b> International Incorporated Thousand Oaks, California	5.8-Acres Lake Forest Land Purchase Lake Forest Drive and Towne Centre Drive Lake Forest, California  SECOR PN: 37OT.20724.00    Approved: PJS	<b>SITE PHOTOGRAPHS</b>  Date: 1/17/03
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5. View looking west/southwest across Property from the northeast corner of the Property.



6. View looking east at erosion in the northeast corner of the Property.

<b>SECOR</b> International Incorporated Thousand Oaks, California	5.8-Acres Lake Forest Land Purchase Lake Forest Drive and Towne Centre Drive Lake Forest, California	<b>SITE PHOTOGRAPHS</b>
	SECOR PN: 37OT.20724.00      Approved: PJS	Date: 1/17/03



7. View looking northeast at pooled water in the northeast corner of the Property.



8. View looking west at pooled water and erosion area in the northeast corner of the Property.

<b>SECOR</b> International Incorporated Thousand Oaks, California	5.8-Acres Lake Forest Land Purchase Lake Forest Drive and Towne Centre Drive Lake Forest, California  SECOR PN: 37OT.20724.00    Approved: PJS	<b>SITE PHOTOGRAPHS</b>  Date: 1/17/03
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9. View looking north/northeast at adjacent Chrysler dealership.



10. View looking north at adjacent new commercial building.

<b>SECOR</b> International Incorporated Thousand Oaks, California	5.8-Acres Lake Forest Land Purchase Lake Forest Drive and Towne Centre Drive Lake Forest, California	<b>SITE PHOTOGRAPHS</b>
	SECOR PN: 37OT.20724.00      Approved: PJS	Date: 1/17/03





## **The EDR Radius Map with GeoCheck®**

**Lake Forest Land Purchase  
SWC of Lake Forest Drive  
Lake Forest, CA 92610**

**Inquiry Number: 910256.3s**

**January 13, 2003**

## ***The Source For Environmental Risk Management Data***

3530 Post Road  
Southport, Connecticut 06890

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	6
Orphan Summary .....	13
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-6
Physical Setting Source Map Findings .....	A-7
Physical Setting Source Records Searched .....	A-16

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

SWC OF LAKE FOREST DRIVE  
LAKE FOREST, CA 92610

#### COORDINATES

Latitude (North): 33.673600 - 33° 40' 25.0"  
Longitude (West): 117.661100 - 117° 39' 40.0"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 438714.4  
UTM Y (Meters): 3725969.0

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2433117-F6 EL TORO, CA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

### FEDERAL ASTM STANDARD

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned  
CORRACTS..... Corrective Action Report  
RCRIS-TSD..... Resource Conservation and Recovery Information System  
RCRIS-LQG..... Resource Conservation and Recovery Information System  
ERNS..... Emergency Response Notification System

### STATE ASTM STANDARD

AWP..... Annual Workplan Sites  
Cal-Sites..... Calsites Database  
CHMIRS..... California Hazardous Material Incident Report System  
Notify 65..... Proposition 65 Records  
Toxic Pits..... Toxic Pits Cleanup Act Sites

## EXECUTIVE SUMMARY

SWF/LF.....	Solid Waste Information System
WMUDS/SWAT.....	Waste Management Unit Database
CA BOND EXP. PLAN.....	Bond Expenditure Plan
VCP.....	Voluntary Cleanup Program Properties
INDIAN UST.....	Underground Storage Tanks on Indian Land
CA FID UST.....	Facility Inventory Database
HIST UST.....	Hazardous Substance Storage Container Database

### FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
FINDS.....	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

### STATE OR LOCAL ASTM SUPPLEMENTAL

AST.....	Aboveground Petroleum Storage Tank Facilities
CLEANERS.....	Cleaner Facilities
CA WDS.....	Waste Discharge System
DEED.....	List of Deed Restrictions
CA SLIC.....	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Orange Co. Industrial Site...	List of Industrial Site Cleanups

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas.....	Former Manufactured Gas (Coal Gas) Sites
---------------	--

### BROWNFIELDS DATABASES

VCP.....	Voluntary Cleanup Program Properties
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### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

### FEDERAL ASTM STANDARD

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 2 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WESTERN DIGITAL CORP</b>	<b>20511 LAKE FOREST DR</b>	<b>1/8 - 1/4 S</b>	<b>2</b>	<b>6</b>
<b>THE HOME DEPOT</b>	<b>20021 LAKE FOREST DR</b>	<b>1/8 - 1/4 ENE</b>	<b>A3</b>	<b>6</b>

### STATE ASTM STANDARD

**CORTESE:** This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there is 1 Cortese site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CHEVRON</b>	<b>20731 LAKE FOREST DR</b>	<b>1/2 - 1 SSW</b>	<b>9</b>	<b>10</b>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2002 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BEACON BAY CAR WASH</b>	<b>20602 LAKE FOREST DRIVE</b>	<b>1/4 - 1/2 S</b>	<b>8</b>	<b>9</b>

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/17/2002 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MOBIL # 18-NLT</b>	<b>27252 PORTOLA PKWY</b>	<b>1/8 - 1/4 NNE</b>	<b>B5</b>	<b>7</b>
<b>MOBIL #18-NLT</b>	<b>27252 PORTOLA PKWY</b>	<b>1/8 - 1/4 NNE</b>	<b>B6</b>	<b>7</b>

## EXECUTIVE SUMMARY

### STATE OR LOCAL ASTM SUPPLEMENTAL

**HAZNET:** The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 3 HAZNET sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ZONE IN SPORTS MARKETING INC.	20321 LAKE FOREST #D-4	0 - 1/8 E	1	6
HOME DEPOT #6668	20021 LAKE FOREST DR	1/8 - 1/4 ENE	A4	7
MOBIL ON THE RUN	27252 PORTOLA PKWY	1/8 - 1/4 NNE	B7	8

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name

PERSONAL TOUCH CLEANERS  
DRYCLEAN EXPRESS  
SQUAW-WINN CORPORATION YARD  
METROPOLITAN WATER DIST OF STHRN CAL  
ALL LEAGUE SPORTS PHOTOGRAPHY  
SANTA MARGARITA TIRE  
LAKE FOREST ONE HOUR PHOTO  
SANTA MARGARITA TIRE  
DIMENSION AVE OFF LAKE FOREST AVE.  
MILL CREEK AND LAKE FOREST  
LAKE FOREST PUMP HOUSE ADDTION

Database(s)

HAZNET, CLEANERS  
CLEANERS  
HIST UST  
HAZNET  
HAZNET  
HAZNET  
HAZNET  
RCRIS-SQG, FINDS  
ERNS  
ERNS  
CA WDS

# OVERVIEW MAP - 910256.3s - SECOR International, Inc.

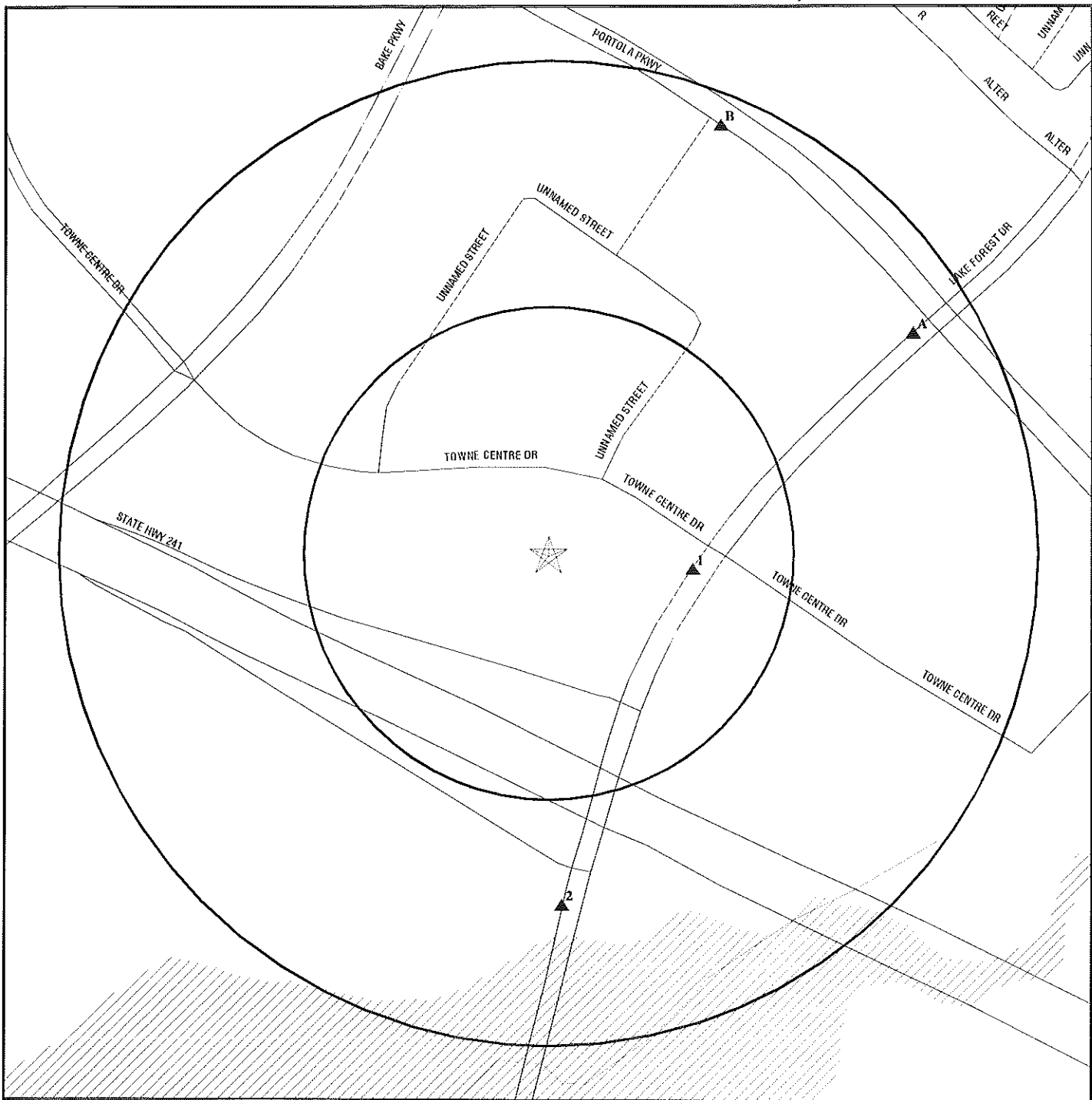


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Areas of Concern

TARGET PROPERTY: Lake Forest Land Purchase  
 ADDRESS: SWC of Lake Forest Drive  
 CITY/STATE/ZIP: Lake Forest CA 92610  
 LAT/LONG: 33.6736 / 117.6611

CUSTOMER: SECOR International, Inc.  
 CONTACT: Peter Shipley  
 INQUIRY #: 910256.3s  
 DATE: January 13, 2003 7:41 pm

# DETAIL MAP - 910256.3s - SECOR International, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

■ Areas of Concern



TARGET PROPERTY: Lake Forest Land Purchase  
 ADDRESS: SWC of Lake Forest Drive  
 CITY/STATE/ZIP: Lake Forest CA 92610  
 LAT/LONG: 33.6736 / 117.6611

CUSTOMER: SECOR International, Inc.  
 CONTACT: Peter Shipley  
 INQUIRY #: 910256.3s  
 DATE: January 13, 2003 7:42 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	2	NR	NR	NR	2
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	0	0	NR	0
Cortese		1.000	0	0	0	1	NR	1
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	1	NR	NR	1
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	2	NR	NR	NR	2
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		TP	NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	1	2	NR	NR	NR	3
Orange Co. Industrial Site		TP	NR	NR	NR	NR	NR	0

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
----------	--	-------	---	---	---	---	----	---

### BROWNFIELDS DATABASES

VCP		0.500	0	0	0	NR	NR	0
-----	--	-------	---	---	---	----	----	---

#### NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1  
East  
< 1/8  
390 ft.  
Higher

ZONE IN SPORTS MARKETING INC.  
20321 LAKE FOREST #D-4  
EL TORO, CA 92630

HAZNET S105093698  
N/A

HAZNET:

Gepaid: CAL920743827  
Tepaid: CAT000613976  
Gen County: Orange  
Tsd County: Orange  
Tons: .0834  
Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Contact: MILENA BROWN - V.P. CORP  
Telephone: (714) 454-8577  
Mailing Address: 20321 LAKE FOREST DR STE D4  
LAKE FOREST, CA 92630  
County: Orange

2  
South  
1/8-1/4  
941 ft.  
Higher

WESTERN DIGITAL CORP  
20511 LAKE FOREST DR  
LAKE FOREST, CA 92630

RCRIS-SQG 1004676765  
FINDS CAR000089235

RCRIS:

Owner: AMBERJACK L T D  
(309) 766-0442  
EPA ID: CAR000089235  
Contact: JAMES MONTEGUE  
(949) 672-7713  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSD Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

A3  
ENE  
1/8-1/4  
1147 ft.  
Higher

THE HOME DEPOT  
20021 LAKE FOREST DR  
LAKE FOREST, CA 92630  
Site 1 of 2 in cluster A

RCRIS-SQG 1004675991  
FINDS CAR000079657

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

THE HOME DEPOT (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1004675991

RCRIS:

Owner: THE HOME DEPOT  
(770) 433-8211  
EPA ID: CAR000079657  
Contact: ENVIRONMENTAL MANAGER  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
TSD Activities: Not reported  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

A4  
ENE  
1/8-1/4  
1147 ft.  
Higher

HOME DEPOT #6668  
20021 LAKE FOREST DR  
LAKE FOREST, CA 92620

HAZNET S105087939  
N/A

Site 2 of 2 in cluster A

HAZNET:

Gepaid: CAC002319337  
Tepaid: CAL000161743  
Gen County: Orange  
Tsd County: Santa Clara  
Tons: 2.9190  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: HOME DEPOT  
Telephone: (000) 000-0000  
Mailing Address: 1905 ASTON AVE STE 100  
CARLSBAD, CA 92008  
County: Orange

B5  
NNE  
1/8-1/4  
1237 ft.  
Higher

MOBIL # 18-NLT  
27252 PORTOLA PKWY  
FOOTHILL RANCH, CA 92610

UST U003779351  
N/A

Site 1 of 3 in cluster B

State UST:

Facility ID: 18393  
Total Tanks: 1  
Region: STATE  
Local Agency: 30000

B6  
NNE  
1/8-1/4  
1237 ft.  
Higher

MOBIL #18-NLT  
27252 PORTOLA PKWY  
FOOTHILL RANCH, CA

UST U003832021  
N/A

Site 2 of 3 in cluster B

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site  
Database(s)  
EDR ID Number  
EPA ID Number

**B7**  
**NNE**  
**1/8-1/4**  
**1237 ft.**  
**Higher**  
**MOBIL ON THE RUN**  
**27252 PORTOLA PKWY**  
**FOOTHILL RANCH, CA 92610**  
**Site 3 of 3 in cluster B**

**HAZNET**  
**S103978052**  
**N/A**

HAZNET:

Gepaid: CAL000171822  
Tepaid: CAD982444481  
Gen County: Lakes  
Tsd County: San Bernardino  
Tons: .0750  
Category: Contaminated soil from site clean-ups  
Disposal Method: Transfer Station  
Contact: MOBIL CORP  
Telephone: (800) 227-0707  
Mailing Address: 27252 PORTOLA PKWY  
FOOTHILL RANCH, CA 92610

County Lakes

Gepaid: CAL000171822  
Tepaid: CAD008302903  
Gen County: Lakes  
Tsd County: Los Angeles  
Tons: .0250  
Category: Contaminated soil from site clean-ups  
Disposal Method: Transfer Station  
Contact: MOBIL CORP  
Telephone: (800) 227-0707  
Mailing Address: 27252 PORTOLA PKWY  
FOOTHILL RANCH, CA 92610

County Lakes

Gepaid: CAL000171822  
Tepaid: CAD028409019  
Gen County: Lakes  
Tsd County: Los Angeles  
Tons: .0750  
Category: Unspecified organic liquid mixture  
Disposal Method: Treatment, Tank  
Contact: MOBIL CORP  
Telephone: (800) 227-0707  
Mailing Address: 27252 PORTOLA PKWY  
FOOTHILL RANCH, CA 92610

County Lakes

Gepaid: CAL000171822  
Tepaid: 181  
Gen County: Lakes  
Tsd County: 0  
Tons: 0.01  
Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: MOBIL CORP  
Telephone: (800) 227-0707  
Mailing Address: 27252 PORTOLA PKWY  
FOOTHILL RANCH, CA 92610

County Lakes

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

MOBIL ON THE RUN (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S103978052

Gepaid: CAL000171822  
Tepaid: CAD028409019  
Gen County: Lakes  
Tsd County: Los Angeles  
Tons: 0.1  
Category: Contaminated soil from site clean-ups  
Disposal Method: Transfer Station  
Contact: MOBIL CORP  
Telephone: (800) 227-0707  
Mailing Address: 27252 PORTOLA PKWY  
FOOTHILL RANCH, CA 92610  
County: Lakes

The CA HAZNET database contains 4 additional records for this site.  
Please contact your EDR Account Executive for more information.

8  
South  
1/4-1/2  
1850 ft.  
Lower

BEACON BAY CAR WASH  
20602 LAKE FOREST DRIVE  
LAKE FOREST, CA 92630

LUST S105624601  
N/A

LUST Region 8:

Region:	8	Cross Street:	Not reported
Substance:	8006619		
Regional Board:	08		
Local Case Num:	02UT003		
Facility Status:	Case Closed		
Staff:	NOM		
Lead Agency:	Local Agency		
Local Agency:	Orange County Health Care Agency		
Qty Leaked:	Not reported		
County:	Orange		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	3/18/02	Prelim Assess:	3/18/02
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	9/13/02		
Cleanup Fund Id :	Not reported		
Discover Date :	01/04/2002		
Enforcement Dt :	1/31/02		
Enf Type:	Not reported		
Enter Date :	04/24/2002		
Funding:	Not reported		
Staff Initials:	JAM		
How Discovered:	FI		
How Stopped:	Close Tank		
Interim :	Not reported		
Lat/Lon :	33.662755 / -117.667306		
Leak Cause:	UNK		
Leak Source:	UNK		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

BEACON BAY CAR WASH (Continued)

S105624601

Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm : LUST  
Priority : Not reported  
Work Suspended :Not reported  
Responsible PartyBOB DECKER  
Well name: Not reported  
Distance From Lust: 447.435450698828814776131  
Waste Disch Global Id: Not reported  
MTBE Class: \*  
Waste Disch Assigned Name: Not reported  
Case Type: S  
Global ID: T0605999998  
How Stopped Date: Not reported  
Organization Name: Not reported  
Contact Person: Not reported  
RP Address: 3152 RED HILL, SUITE 230  
MTBE Concentration: 0  
MTBE Fuel: 1  
Case Number: 083003899T  
Water System Name: Not reported  
Summary: Not reported

9  
SSW  
1/2-1  
3124 ft.  
Lower

CHEVRON  
20731 LAKE FOREST DR  
LAKE FOREST, CA 92630

Cortese U003659611  
LUST N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number 083003083T  
Reg Board: 8  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 30000  
Case Type: Soil only  
Status: Not reported  
County: Orange  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 4/10/98  
Release Date: Not reported  
Cleanup Fund Id : Not reported  
Discover Date : 9/11/97  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 11/18/97  
Funding: Not reported  
Staff Initials: SAS  
How Discovered: Not reported  
How Stopped: Not reported  
Interim : Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
MTBE Date : Not reported

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CHEVRON (Continued)

EDR ID Number  
EPA ID Number

Database(s)

U003659611

Max MTBE GW : Not reported  
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.  
Priority: Not reported  
Local Case # : Not reported  
Beneficial: Not reported  
Staff : TME  
GW Qualifier : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifier : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Oversight Program UST  
Oversight Prgm : LOP  
Review Date : 4/10/98  
Stop Date : Not reported  
Work Suspended :Not reported  
Responsible PartyCHEVRON U. S. A.  
RP Address: Not reported  
Global Id: T0605902102  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mlbe Fuel: Not reported  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 4096.414053  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8  
Substance: 8006619  
Regional Board: 08  
Local Case Num: 97UT037  
Facility Status: Case Closed  
Staff: TME  
Lead Agency: Local Agency  
Local Agency: Orange County Health Care Agency  
Qty Leaked: Not reported  
County: Orange  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 4/10/98  
Cleanup Fund Id : Not reported  
Discover Date : 09/11/1997  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 11/18/1997  
Funding: Not reported  
Staff Initials: LL  
How Discovered: Not reported  
How Stopped: Not reported  
Interim : Not reported  
Lat/Lon : 33.6458268 / -117.6890547  
Leak Cause: Not reported  
Leak Source: Not reported

Cross Street: Not reported

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**CHEVRON (Continued)**

**U003659611**

Beneficial:        Not reported  
MTBE Date :       Not reported  
MTBE Tested :    NT  
Max MTBE GW :   Not reported  
GW Qualifies :   Not reported  
Max MTBE Soil :   Not reported  
Soil Qualifies :   Not reported  
Hydr Basin #:     Not reported  
Operator :        Not reported  
Oversight Prgm : LOP  
Priority :          Not reported  
Work Suspended : Not reported  
Responsible Party: CHEVRON U. S. A.  
Well name:        Not reported  
Distance From Lust: 4096.41405293972127029648  
Waste Disch Global Id: Not reported  
MTBE Class:       \*  
Waste Disch Assigned Name: Not reported  
Case Type:        S  
Global ID:        T0605902102  
How Stopped Date: Not reported  
Organization Name: Not reported  
Contact Person:   Not reported  
RP Address:       Not reported  
MTBE Concentration: 0  
MTBE Fuel:        1  
Case Number:      083003083T  
Water System Name: Not reported  
Summary:          Not reported

**CORTESE:**

Reg Id:    083003083T  
Region:    CORTESE  
Reg By:    Leaking Underground Storage Tanks

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EL TORO	S102813305	PERSONAL TOUCH CLEANERS	21212 BAKE PARKWAYEET	92630	HAZNET, CLEANERS
LAKE FOREST	S103640784	METROPOLITAN WATER DIST OF STHRN CAL	20584 BAKE PARKWAY	92630	HAZNET
LAKE FOREST	S105030845	DRYCLEAN EXPRESS	21212 BAKE PKWY STE E	92630	CLEANERS
LAKE FOREST	92259967	DIMENSION AVE OFF LAKE FOREST AVE.	DIMENSION AVE OFF LAKE FOREST AVE.		ERNS
LAKE FOREST	S105255529	LAKE FOREST PUMP HOUSE ADDTION	3910 N LAKE BLVD		CA WDS
LAKE FOREST	1004675884	SANTA MARGARITA TIRE	20761 LAKE FOREST DR UNIT K	92630	RCRIS-SQG, FINDS
LAKE FOREST	S105092820	ALL LEAGUE SPORTS PHOTOGRAPHY	20381 LAKE FOREST DR STE B7	92630	HAZNET
LAKE FOREST	S105094209	SANTA MARGARITA TIRE	20761 LAKE FOREST DR UNIT K	92630	HAZNET
LAKE FOREST	U001614697	SQUAW-WINN CORPORATION YARD	LAKE FOREST ROAD	92630	HIST UST
LAKE FOREST	90167333	MILL CREEK AND LAKE FOREST	MILL CREEK AND LAKE FOREST		ERNS
LAKE FOREST	S103974172	LAKE FOREST ONE HOUR PHOTO	25432 TRABUCO STE 104	92630	HAZNET

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

### FEDERAL ASTM STANDARD RECORDS

#### **NPL: National Priority List**

Source: EPA  
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/24/02  
Date Made Active at EDR: 12/09/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02  
Elapsed ASTM days: 35  
Date of Last EDR Contact: 11/04/02

#### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 8  
Telephone: 303-312-6774

EPA Region 4  
Telephone 404-562-8033

#### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA  
Telephone: N/A

Date of Government Version: 10/24/02  
Date Made Active at EDR: 12/09/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02  
Elapsed ASTM days: 35  
Date of Last EDR Contact: 11/04/02

#### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

Source: EPA  
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/15/02  
Date Made Active at EDR: 10/28/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02  
Elapsed ASTM days: 35  
Date of Last EDR Contact: 12/26/02

#### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Source: EPA  
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02  
Date Made Active at EDR: 10/28/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02  
Elapsed ASTM days: 25  
Date of Last EDR Contact: 12/26/02

### **CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02  
Date Made Active at EDR: 12/26/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/02  
Elapsed ASTM days: 72  
Date of Last EDR Contact: 12/09/02

### **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02  
Date Made Active at EDR: 10/28/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02  
Elapsed ASTM days: 34  
Date of Last EDR Contact: 12/26/02

### **ERNS:** Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01  
Date Made Active at EDR: 07/15/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02  
Elapsed ASTM days: 13  
Date of Last EDR Contact: 10/28/02

## **FEDERAL ASTM SUPPLEMENTAL RECORDS**

### **BRS:** Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99  
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/02  
Date of Next Scheduled EDR Contact: 03/17/03

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A  
Database Release Frequency: Varies

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

### **ROD:** Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **DELISTED NPL:** National Priority List Deletions

Source: EPA  
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/18/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02  
Date of Next Scheduled EDR Contact: 02/03/03

### **FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA  
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/10/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **HMIRS:** Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/31/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02  
Date of Next Scheduled EDR Contact: 01/20/03

### **MLTS:** Material Licensing Tracking System

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/21/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **MINES:** Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 09/10/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/03  
Date of Next Scheduled EDR Contact: 03/31/03

### **NPL LIENS:** Federal Superfund Liens

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/25/02  
Date of Next Scheduled EDR Contact: 02/24/03

### **PADS:** PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/20/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02  
Date of Next Scheduled EDR Contact: 02/10/03

### **RAATS:** RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/10/02  
Date of Next Scheduled EDR Contact: 03/10/03

### **TRIS:** Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/02  
Date of Next Scheduled EDR Contact: 03/24/03

### **TSCA:** Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/10/02  
Date of Next Scheduled EDR Contact: 03/10/03

### **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 10/24/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02  
Date of Next Scheduled EDR Contact: 03/24/03

### **SSTS:** Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02  
Date of Next Scheduled EDR Contact: 01/20/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/24/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02

Date of Next Scheduled EDR Contact: 03/24/03

### **STATE OF CALIFORNIA ASTM STANDARD RECORDS**

#### **AWP:** Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 10/04/02

Date Made Active at EDR: 10/23/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 10/07/02

Elapsed ASTM days: 16

Date of Last EDR Contact: 10/07/02

#### **CAL-SITES:** Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/01/00

Date Made Active at EDR: 11/22/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00

Elapsed ASTM days: 23

Date of Last EDR Contact: 10/08/02

#### **CHMIRS:** California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 11/25/02

#### **CORTESE:** "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 10/28/02

#### **NOTIFY 65:** Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/93  
Date Made Active at EDR: 11/19/93  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 10/21/02

### **TOXIC PITS:** Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board  
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95  
Date Made Active at EDR: 09/26/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95  
Elapsed ASTM days: 27  
Date of Last EDR Contact: 11/04/02

### **SWF/LF (SWIS):** Solid Waste Information System

Source: Integrated Waste Management Board  
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/13/02  
Date Made Active at EDR: 10/08/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/16/02  
Elapsed ASTM days: 22  
Date of Last EDR Contact: 12/17/02

### **WMUDS/SWAT:** Waste Management Unit Database

Source: State Water Resources Control Board  
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00  
Date Made Active at EDR: 05/10/00  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00  
Elapsed ASTM days: 30  
Date of Last EDR Contact: 12/10/02

### **LUST:** Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board  
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/02  
Date Made Active at EDR: 09/03/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/18/02  
Elapsed ASTM days: 47  
Date of Last EDR Contact: 10/11/02

### **CA BOND EXP. PLAN:** Bond Expenditure Plan

Source: Department of Health Services  
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89  
Date Made Active at EDR: 08/02/94  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94  
Elapsed ASTM days: 6  
Date of Last EDR Contact: 05/31/94

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CA UST:

#### UST: Active UST Facilities

Source: SWRCB

Telephone: 916-341-5700

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/17/02

Date Made Active at EDR: 02/12/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/21/02

Elapsed ASTM days: 22

Date of Last EDR Contact: 10/16/02

### VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/10/02

Date Made Active at EDR: 10/23/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/14/02

Elapsed ASTM days: 9

Date of Last EDR Contact: 10/14/02

### INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9

Telephone: 415-972-3368

Date of Government Version: N/A

Date Made Active at EDR: N/A

Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A

Elapsed ASTM days: 0

Date of Last EDR Contact: N/A

### CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

### HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 07/26/01

### STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

#### AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 11/20/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02

Date of Next Scheduled EDR Contact: 02/03/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **CLEANERS:** Cleaner Facilities

Source: Department of Toxic Substance Control  
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/18/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **CA WDS:** Waste Discharge System

Source: State Water Resources Control Board  
Telephone: 916-657-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 09/16/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02  
Date of Next Scheduled EDR Contact: 03/24/03

### **DEED:** List of Deed Restrictions

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/04/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **HAZNET:** Hazardous Waste Information System

Source: California Environmental Protection Agency  
Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/12/02  
Date of Next Scheduled EDR Contact: 02/10/03

## **LOCAL RECORDS**

### **ALAMEDA COUNTY:**

#### **Local Oversight Program Listing of UGT Cleanup Sites**

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700

Date of Government Version: 12/02/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/28/02  
Date of Next Scheduled EDR Contact: 01/27/03

#### **Underground Tanks**

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700

Date of Government Version: 11/26/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/28/02  
Date of Next Scheduled EDR Contact: 01/27/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CONTRA COSTA COUNTY:

#### Site List

Source: Contra Costa Health Services Department

Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/05/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/02/02

Date of Next Scheduled EDR Contact: 03/03/03

### FRESNO COUNTY:

#### CUPA Resources List

Source: Dept. of Community Health

Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/31/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/12/02

Date of Next Scheduled EDR Contact: 02/10/03

### KERN COUNTY:

#### Underground Storage Tank Sites & Tanks Listing

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700

Kern County Sites and Tanks Listing.

Date of Government Version: 06/01/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/02/02

Date of Next Scheduled EDR Contact: 03/03/03

### LOS ANGELES COUNTY:

#### List of Solid Waste Facilities

Source: La County Department of Public Works

Telephone: 818-458-5185

Date of Government Version: 10/28/02

Database Release Frequency: Varies

Date of Last EDR Contact: 11/21/02

Date of Next Scheduled EDR Contact: 02/17/03

#### City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department

Telephone: 310-607-2239

Date of Government Version: 11/01/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02

Date of Next Scheduled EDR Contact: 02/17/03

#### City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department

Telephone: 562-570-2543

Date of Government Version: 05/30/02

Database Release Frequency: Annually

Date of Last EDR Contact: 11/25/02

Date of Next Scheduled EDR Contact: 02/24/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department  
Telephone: 310-618-2973

Date of Government Version: 08/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02  
Date of Next Scheduled EDR Contact: 02/17/03

### City of Los Angeles Landfills

Source: Engineering & Construction Division  
Telephone: 213-473-7869

Date of Government Version: 03/01/02  
Database Release Frequency: Varies

Date of Last EDR Contact: 12/17/02  
Date of Next Scheduled EDR Contact: 03/17/03

### HMS: Street Number List

Source: Department of Public Works  
Telephone: 626-458-3517  
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 08/29/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02  
Date of Next Scheduled EDR Contact: 02/17/03

### Site Mitigation List

Source: Community Health Services  
Telephone: 323-890-7806  
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/28/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/18/02  
Date of Next Scheduled EDR Contact: 02/17/03

### San Gabriel Valley Areas of Concern

Source: EPA Region 9  
Telephone: 415-972-3178  
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99  
Date of Next Scheduled EDR Contact: N/A

### MARIN COUNTY:

#### Underground Storage Tank Sites

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Currently permitted USTs in Marin County.

Date of Government Version: 08/06/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/04/02  
Date of Next Scheduled EDR Contact: 02/03/03

### NAPA COUNTY:

#### Sites With Reported Contamination

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

Date of Government Version: 09/30/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

#### Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### ORANGE COUNTY:

#### List of Underground Storage Tank Cleanups

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/27/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/09/02  
Date of Next Scheduled EDR Contact: 03/10/03

#### List of Underground Storage Tank Facilities

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/27/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/09/02  
Date of Next Scheduled EDR Contact: 03/10/03

#### List of Industrial Site Cleanups

Source: Health Care Agency  
Telephone: 714-834-3446  
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/09/02  
Date of Next Scheduled EDR Contact: 03/10/03

### PLACER COUNTY:

#### Master List of Facilities

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/22/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/26/02  
Date of Next Scheduled EDR Contact: 03/24/03

### RIVERSIDE COUNTY:

#### Listing of Underground Tank Cleanup Sites

Source: Department of Public Health  
Telephone: 909-358-5055  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/21/02  
Date of Next Scheduled EDR Contact: 01/20/03

#### Underground Storage Tank Tank List

Source: Health Services Agency  
Telephone: 909-358-5055

Date of Government Version: 09/04/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/21/02  
Date of Next Scheduled EDR Contact: 01/20/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SACRAMENTO COUNTY:

#### CS - Contaminated Sites

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Date of Government Version: 06/11/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02  
Date of Next Scheduled EDR Contact: 02/03/03

#### ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 06/11/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02  
Date of Next Scheduled EDR Contact: 02/03/03

### SAN BERNARDINO COUNTY:

#### Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 06/27/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/10/03

### SAN DIEGO COUNTY:

#### Solid Waste Facilities

Source: Department of Health Services  
Telephone: 619-338-2209  
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00  
Database Release Frequency: Varies

Date of Last EDR Contact: 11/25/02  
Date of Next Scheduled EDR Contact: 02/24/03

#### Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/31/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/09/02  
Date of Next Scheduled EDR Contact: 01/06/03

### SAN FRANCISCO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Local Oversight Facilities

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920

Date of Government Version: 09/16/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/09/02  
Date of Next Scheduled EDR Contact: 03/10/03

### Underground Storage Tank Information

Source: Department of Public Health  
Telephone: 415-252-3920

Date of Government Version: 09/16/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/09/02  
Date of Next Scheduled EDR Contact: 03/10/03

### SAN MATEO COUNTY:

#### Fuel Leak List

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

Date of Government Version: 10/28/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/28/02  
Date of Next Scheduled EDR Contact: 01/27/03

#### Business Inventory

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/14/02  
Date of Next Scheduled EDR Contact: 01/13/03

### SANTA CLARA COUNTY:

#### Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600

Date of Government Version: 07/23/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

#### Hazardous Material Facilities

Source: City of San Jose Fire Department  
Telephone: 408-277-4659

Date of Government Version: 01/03/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/09/02  
Date of Next Scheduled EDR Contact: 03/10/03

### SOLANO COUNTY:

#### Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

Date of Government Version: 06/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/16/02  
Date of Next Scheduled EDR Contact: 03/17/03

#### Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/16/02  
Date of Next Scheduled EDR Contact: 03/17/03

### SONOMA COUNTY:

#### Leaking Underground Storage Tank Sites

Source: Department of Health Services  
Telephone: 707-565-6565

Date of Government Version: 11/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/28/02  
Date of Next Scheduled EDR Contact: 01/27/03

### SUTTER COUNTY:

#### Underground Storage Tanks

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500

Date of Government Version: 07/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/21/02  
Date of Next Scheduled EDR Contact: 01/06/03

### VENTURA COUNTY:

#### Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/25/02  
Date of Next Scheduled EDR Contact: 02/24/03

#### Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/04/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/02  
Date of Next Scheduled EDR Contact: 03/17/03

#### Underground Tank Closed Sites List

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 10/21/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02  
Date of Next Scheduled EDR Contact: 01/13/03

#### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/13/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/17/02  
Date of Next Scheduled EDR Contact: 03/17/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### YOLO COUNTY:

#### Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health

Telephone: 530-666-8646

Date of Government Version: 10/28/02

Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02

Date of Next Scheduled EDR Contact: 01/20/03

### California Regional Water Quality Control Board (RWQCB) LUST Records

#### LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/25/02

Date of Next Scheduled EDR Contact: 02/24/03

#### LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Date of Government Version: 07/01/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02

Date of Next Scheduled EDR Contact: 01/13/03

#### LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Date of Government Version: 11/18/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/18/02

Date of Next Scheduled EDR Contact: 02/17/03

#### LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/30/02

Date of Next Scheduled EDR Contact: 03/31/03

#### LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-255-3125

Date of Government Version: 10/01/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02

Date of Next Scheduled EDR Contact: 01/06/03

#### LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 01/02/02

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/08/02

Date of Next Scheduled EDR Contact: 01/06/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **LUST REG 6V: Leaking Underground Storage Tank Case Listing**

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-346-7491

Date of Government Version: 10/25/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **LUST REG 7: Leaking Underground Storage Tank Case Listing**

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-346-7491

Date of Government Version: 07/02/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/30/02  
Date of Next Scheduled EDR Contact: 03/31/03

### **LUST REG 8: Leaking Underground Storage Tanks**

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 12/02/02  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/13/02  
Date of Next Scheduled EDR Contact: 02/10/03

### **LUST REG 9: Leaking Underground Storage Tank Report**

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/02  
Date of Next Scheduled EDR Contact: 01/20/03

## **California Regional Water Quality Control Board (RWQCB) SLIC Records**

### **SLIC REG 1: Active Toxic Site Investigations**

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220

Date of Government Version: 02/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/25/02  
Date of Next Scheduled EDR Contact: 02/24/03

### **SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02  
Date of Next Scheduled EDR Contact: 01/13/03

### **SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/18/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02  
Date of Next Scheduled EDR Contact: 02/17/03

### **SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/28/02  
Date of Next Scheduled EDR Contact: 01/27/03

**SLIC REG 5:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing  
Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-855-3075  
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/02  
Date of Next Scheduled EDR Contact: 01/06/03

**SLIC REG 6V:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing  
Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583

Date of Government Version: 07/19/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/09/02  
Date of Next Scheduled EDR Contact: 01/06/03

**SLIC REG 8:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing  
Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-3298

Date of Government Version: 06/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

**SLIC REG 9:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing  
Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980

Date of Government Version: 03/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/02/02  
Date of Next Scheduled EDR Contact: 03/03/03

### EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

#### **Disclaimer Provided by Real Property Scan, Inc.**

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### STATE OF CALIFORNIA BROWNFIELDS DATABASES RECORDS

**VCP:** Voluntary Cleanup Program Properties  
Source: Department of Toxic Substances Control  
Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/10/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02  
Date of Next Scheduled EDR Contact: 01/06/03

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

### STREET AND ADDRESS INFORMATION

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## **GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

LAKE FOREST LAND PURCHASE  
SWC OF LAKE FOREST DRIVE  
LAKE FOREST, CA 92610

### **TARGET PROPERTY COORDINATES**

Latitude (North):	33.673599 - 33° 40' 25.0"
Longitude (West):	117.661102 - 117° 39' 40.0"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	438714.4
UTM Y (Meters):	3725969.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE**

Target Property: 2433117-F6 EL TORO, CA  
Source: USGS 7.5 min quad index

#### **GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY**

Target Property: General SSW

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### **FEMA FLOOD ZONE**

<u>Target Property County</u>	<u>FEMA Flood</u>
ORANGE, CA	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06059C0050F

Additional Panels in search area: Not Reported

#### **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
EL TORO	<u>Data Coverage</u>
	Not Available

### **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Site-Specific Hydrogeological Data\*:

Search Radius: 2.0 miles  
Status: Not found

### AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Component Name: CALLEGUAS

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 8 inches

Depth to Bedrock Max: > 20 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	16 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.90
2	16 inches	20 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay  
gravelly - loam  
stony - loam  
loam

Surficial Soil Types: clay  
gravelly - loam  
stony - loam  
loam

Shallow Soil Types: clay  
silty clay loam

Deeper Soil Types: sandy clay loam  
stratified

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

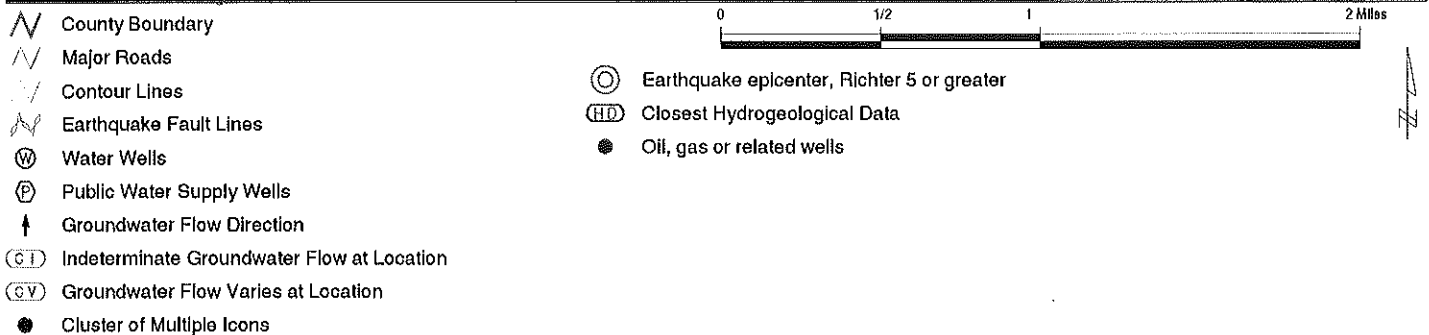
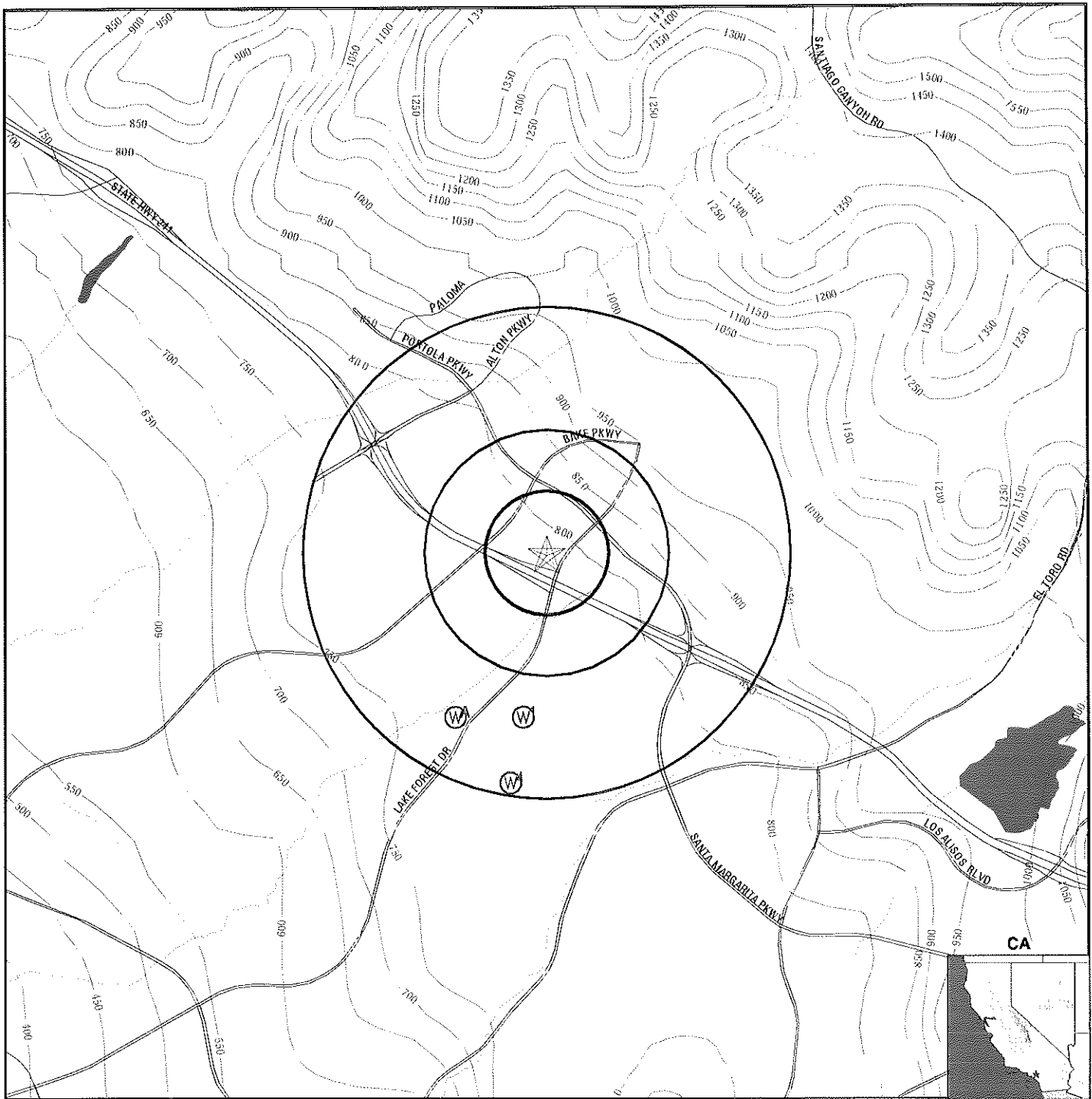
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	7044	1/2 - 1 Mile South
A2	7045	1/2 - 1 Mile SSW
A3	7043	1/2 - 1 Mile SSW
4	7046	1/2 - 1 Mile South

# PHYSICAL SETTING SOURCE MAP - 910256.3s



<b>TARGET PROPERTY:</b> Lake Forest Land Purchase <b>ADDRESS:</b> SWC of Lake Forest Drive <b>CITY/STATE/ZIP:</b> Lake Forest CA 92610 <b>LAT/LONG:</b> 33.6736 / 117.6611	<b>CUSTOMER:</b> SECOR International, Inc. <b>CONTACT:</b> Peter Shipley <b>INQUIRY #:</b> 910256.3s <b>DATE:</b> January 13, 2003 7:42 pm
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

1  
South  
1/2 - 1 Mile  
Higher

CA WELLS 7044

## Water System Information:

Prime Station Code: 06S/08W-12J01 S  
FRDS Number: 3010091003  
District Number: 08  
Water Type: Well/Groundwater  
Source Lat/Long: 333950.0 1173943.0  
Source Name: WELL 03  
System Number: 3010091  
System Name: LOS ALISOS WD  
Organization That Operates System:

User ID: TEE  
County: Orange  
Station Type: WELL/AMBNT/MUN/INTAKE  
Well Status: Active Untreated  
Precision: 10 Feet (1/10 Second)

P O BOX 699  
EL TORO 92630  
Pop Served: 38000  
Area Served: EL TORO

Connections: 11645

## Sample Information: \* Only Findings Above Detection Level Are Listed

Sample Collected:	03/06/1995	Findings:	4.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	03/06/1995	Findings:	1120.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/06/1995	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	03/06/1995	Findings:	185.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/06/1995	Findings:	225.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/06/1995	Findings:	1.160 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	03/06/1995	Findings:	308.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/06/1995	Findings:	87.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/06/1995	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/06/1995	Findings:	109.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/06/1995	Findings:	4.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/06/1995	Findings:	65.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/06/1995	Findings:	.230 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/06/1995	Findings:	720.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/06/1995	Findings:	.014 MG/L
Chemical:	HYDROXIDE ALKALINITY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/06/1995	Findings:	3.960 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1995	Findings:	.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/29/1995	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1995	Findings:	4.600 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/29/1995	Findings:	1.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/16/1995	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/16/1995	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/16/1995	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/16/1995	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/16/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/16/1995	Findings:	4.100 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	11/16/1995	Findings:	1.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1996	Findings:	1090.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/28/1996	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/28/1996	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/28/1996	Findings:	219.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	.898 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	323.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/28/1996	Findings:	93.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/28/1996	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/28/1996	Findings:	110.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/28/1996	Findings:	4.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/28/1996	Findings:	63.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/28/1996	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/28/1996	Findings:	3.700 UG/L
Chemical:	ARSENIC		
Sample Collected:	03/28/1996	Findings:	8.000 UG/L
Chemical:	SELENIUM		
Sample Collected:	03/28/1996	Findings:	700.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/28/1996	Findings:	.700
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/28/1996	Findings:	.011 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	5.280 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1996	Findings:	.750 NTU
Chemical:	TURBIDITY (LAB)		

**A2**  
**SSW**  
 1/2 - 1 Mile  
 Lower

**CA WELLS    7045**

**Water System Information:**

Prime Station Code:	06S/08W-12L02 S	User ID:	TEE
FRDS Number:	3010091004	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	333950.0 1174000.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 04		
System Number:	3010091		
System Name:	LOS ALISOS WD		
Organization That Operates System:	P O BOX 699		
	EL TORO 92630		
Pop Served:	38000	Connections:	11645
Area Served:	EL TORO		

**A3**  
**SSW**  
 1/2 - 1 Mile  
 Lower

**CA WELLS    7043**

**Water System Information:**

Prime Station Code:	06S/08W-01N01 S	User ID:	TEE
FRDS Number:	3010091005	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	333950.0 1174000.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 07		
System Number:	3010091		
System Name:	LOS ALISOS WD		
Organization That Operates System:	P O BOX 699		
	EL TORO 92630		
Pop Served:	38000	Connections:	11645
Area Served:	EL TORO		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	08/16/1995	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	08/16/1995	Findings:	765.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/16/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/16/1995	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	08/16/1995	Findings:	219.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/16/1995	Findings:	1.420 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	08/16/1995	Findings:	175.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	08/16/1995	Findings:	52.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/16/1995	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/16/1995	Findings:	105.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/16/1995	Findings:	3.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/16/1995	Findings:	53.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/16/1995	Findings:	.180 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/16/1995	Findings:	2.400 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/16/1995	Findings:	1.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/16/1995	Findings:	4.900 PC/L
Chemical:	GROSS BETA		
Sample Collected:	08/16/1995	Findings:	1.800 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/16/1995	Findings:	490.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/16/1995	Findings:	.600
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08/16/1995	Findings:	.017 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	08/16/1995	Findings:	.220 MFL
Chemical:	ASBESTOS		
Sample Collected:	08/16/1995	Findings:	.950 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/16/1995	Findings:	2.900 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/16/1995	Findings:	3.000 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/16/1995	Findings:	1.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/16/1995	Findings:	.700 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	11/16/1995	Findings:	.400 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	03/28/1996	Findings:	20.000 UNITS
Chemical:	COLOR		
Sample Collected:	03/28/1996	Findings:	3.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	03/28/1996	Findings:	579.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/28/1996	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	03/28/1996	Findings:	185.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	03/28/1996	Findings:	225.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	.733 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	180.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	03/28/1996	Findings:	59.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/28/1996	Findings:	8.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/28/1996	Findings:	50.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/28/1996	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/28/1996	Findings:	50.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/28/1996	Findings:	.260 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/28/1996	Findings:	3.700 UG/L
Chemical:	ARSENIC		
Sample Collected:	03/28/1996	Findings:	1300.000 UG/L
Chemical:	IRON		
Sample Collected:	03/28/1996	Findings:	41.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	03/28/1996	Findings:	.866 PCI/L
Chemical:	RADIUM 226		
Sample Collected:	03/28/1996	Findings:	.530 PCI/L
Chemical:	RADIUM 226 COUNTING ERROR		
Sample Collected:	03/28/1996	Findings:	360.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/28/1996	Findings:	.400
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/28/1996	Findings:	.009 MG/L
Chemical:	HYDROXIDE ALKALINITY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/28/1996	Findings:	14.000 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/28/1996	Findings:	.014 PCI/L
Chemical:	URANIUM COUNTING ERROR		

4  
South  
1/2 - 1 Mile  
Higher

CA WELLS 7046

### Water System Information:

Prime Station Code:	06S/08W-12Q01 S	User ID:	TEE
FRDS Number:	3010091002	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	333936.0 1173946.0	Precision:	10 Feet (1/10 Second)
Source Name:	WELL 02		
System Number:	3010091		
System Name:	LOS ALISOS WD		
Organization That Operates System:	P O BOX 699		
	EL TORO 92630		
Pop Served:	38000	Connections:	11645
Area Served:	EL TORO		

### Sample Information: \* Only Findings Above Detection Level Are Listed

Sample Collected:	03/06/1995	Findings:	3.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	03/06/1995	Findings:	870.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/06/1995	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	03/06/1995	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/06/1995	Findings:	207.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/06/1995	Findings:	1.070 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	03/06/1995	Findings:	234.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/06/1995	Findings:	74.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/06/1995	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/06/1995	Findings:	86.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/06/1995	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/06/1995	Findings:	60.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/06/1995	Findings:	.260 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/06/1995	Findings:	560.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/06/1995	Findings:	.014 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	03/06/1995	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1995	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/29/1995	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1995	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1995	Findings:	5.000 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	06/29/1995	Findings:	1.600 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/29/1995	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/29/1995	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/16/1995	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/16/1995	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/16/1995	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/16/1995	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/16/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/16/1995	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1996	Findings:	844.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/28/1996	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/28/1996	Findings:	175.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/28/1996	Findings:	213.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	.873 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	227.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/28/1996	Findings:	73.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/28/1996	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/28/1996	Findings:	91.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/28/1996	Findings:	3.000 MG/L
Chemical:	POTASSIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/28/1996	Findings:	56.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/28/1996	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/28/1996	Findings:	5.400 UG/L
Chemical:	ARSENIC		
Sample Collected:	03/28/1996	Findings:	9.200 UG/L
Chemical:	SELENIUM		
Sample Collected:	03/28/1996	Findings:	500.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/28/1996	Findings:	.500
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/28/1996	Findings:	.011 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	03/28/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/28/1997	Findings:	3.080 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

### HYDROGEOLOGIC INFORMATION

#### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### GEOLOGIC INFORMATION

#### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### **STATSGO: State Soil Geographic Database**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### **FEDERAL WATER WELLS**

##### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-564-4099

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

##### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water

Telephone: 202-564-4099

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STATE RECORDS

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

#### California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

### RADON

#### Area Radon Information

Source: USGS

Telephone: 303-202-4210

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 202-564-9370

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## **APPENDIX G REFERENCES**

Environmental Data Resources, Inc. (EDR), *EDR Aerial Photography Print Service, Lake Forest Land Purchase, SWC of Lake Forest Drive, Lake Forest, California*, EDR Inquiry No. 910256-5, January 16, 2003.

Environmental Data Resources, Inc. (EDR), *EDR Radius Map Report with GeoCheck, Lake Forest Land Purchase, SWC of Lake Forest Drive, Lake Forest, California*, EDR Inquiry No. 910256.3s, January 13, 2003.

First American Title Insurance Company, *Preliminary Report*, 2274444-MB, November 4, 2002.

Leighton and Associates, Inc., *Phase I Environmental Site Assessment Update for Portions of Planning Areas 5, 6, 9, 13, 14, and 15, and Entire Planning Areas 8, 10, and 16, Orange County, California*, Project No. 5971030-001, February 4, 1997.

United States Environmental Protection Agency (USEPA), *USEPA Map of Radon Zones Throughout the United States*, Document No. EPA-402-R-93-071, 1993.

United States Fish and Wildlife Service, *National Wetland Inventory Map*, Lake Forest, California, 2003.

United States Geologic Survey Topographic Map of the El Toro Quadrangle, California, 1997.